

IN THE SPECIFICATION:

Please amend the specification as follows:

In the Abstract please replace the abstract with the following paragraph:

A cap can comprise an aperture, and an attenuator may block the aperture during at least one point in time. In one embodiment, the attenuator can include a cover that may be displaced by a spring. In another embodiment, ~~an electron gun~~, such as an electron gun, may comprise a support cap with an aperture, a displaceable cover that may cover the aperture, and a spring. A material attached to the spring and acting as a fuse may release the spring and expose the aperture after an electrical current blows the “fuse”. In yet another embodiment, a method for using a tube may comprise evacuating the tube while a cover covers an aperture in the support cap of a electron gun that is at least partially in the tube and moving the cover to expose the aperture after the tube is sealed.

Paragraph 24: please replace this paragraph with the following rewritten paragraph:

An embodiment illustrated in FIG. 3 may comprise a support cap assembly 30 with a cover 32 that may cover the apertures in 34 in the support cap 30 during at least one point in time, generally during tube assembly and evacuation. The support cap assembly 30 is similar to support cap ~~10~~ 14 in FIG. 2 in that the assembly 30 also comprises three apertures 34 as would generally be found in an electron gun for a polychromatic tube. In other embodiments,

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nearly any number of apertures in the support cap assembly 30 may be used. As illustrated, the apertures 34 are exposed. Support cap 30 may comprise a generally can-shaped structure comprising stainless steel or another material of similar physical and reactive properties. The apertures 34 may have a span in the range of approximately 0.5-2 millimeters. Apertures 34 may be positioned such that electrons or other particles emitted from an electron source (e.g., x-rays or the like) (not shown) mounted to the support cap assembly 30 may pass through apertures 34.

Paragraph 30: please replace this paragraph with the following rewritten paragraph:

Alternatively, a ~~cover guide cap~~ may comprise indentions 80 formed in the side of the cap 84 through crimping, bending, or otherwise indenting the cap 84, as illustrated in FIG. 8. The cover 86 may be formed by bending, molding, or otherwise shaping the cover such that portions 82 of the cover 86 fit into cap indentations 80.